

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106326.D
 Acq On : 12 Jun 2018 6:23
 Operator : JU/SJ
 Sample : J3311-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.196	482	486	489	rBV	221929	248633	3.93%	0.226%
2	5.272	493	499	502	rVV3	89427	170704	2.70%	0.155%
3	5.325	502	508	515	rVB	109110	120447	1.91%	0.110%
4	5.590	548	553	556	rBV	2493260	2411790	38.15%	2.193%
5	5.678	559	568	570	rBV5	82137	175211	2.77%	0.159%
6	5.707	570	573	576	rVV2	185391	275668	4.36%	0.251%
7	5.766	580	583	586	rVB	465946	509712	8.06%	0.464%
8	5.831	590	594	596	rBV2	110635	111461	1.76%	0.101%
9	5.866	596	600	603	rBV3	196024	195874	3.10%	0.178%
10	5.896	603	605	608	rVV2	122190	95622	1.51%	0.087%
11	5.996	616	622	624	rVV4	100671	157439	2.49%	0.143%
12	6.025	624	627	631	rVB2	226474	195031	3.09%	0.177%
13	6.137	644	646	649	rVB	94783	81974	1.30%	0.075%
14	6.184	649	654	657	rBV4	71928	115541	1.83%	0.105%
15	6.231	660	662	667	rVB4	111065	124211	1.96%	0.113%
16	6.272	667	669	671	rBV	89197	78367	1.24%	0.071%
17	6.307	671	675	678	rVV3	101192	147106	2.33%	0.134%
18	6.372	681	686	688	rVB3	196898	260492	4.12%	0.237%
19	6.396	688	690	695	rVB4	106073	119173	1.89%	0.108%
20	6.472	700	703	707	rBV3	245171	304737	4.82%	0.277%
21	6.513	707	710	714	rVB4	77066	90567	1.43%	0.082%
22	6.590	717	723	729	rBV3	1819798	3303957	52.26%	3.005%
23	6.678	735	738	741	rBV2	150329	226493	3.58%	0.206%
24	6.743	742	749	752	rBV	3545437	3577096	56.58%	3.253%
25	6.813	759	761	763	rBV3	158733	165581	2.62%	0.151%
26	6.848	765	767	769	rVV	524014	586935	9.28%	0.534%
27	6.895	772	775	777	rBV	351668	321232	5.08%	0.292%
28	6.925	777	780	784	rBV3	268941	321697	5.09%	0.293%
29	6.972	784	788	791	rBV	1855125	1690366	26.74%	1.537%
30	7.001	791	793	799	rVB5	361520	437273	6.92%	0.398%
31	7.048	799	801	803	rBV	127540	87312	1.38%	0.079%
32	7.131	809	815	817	rBV2	3259723	3744127	59.23%	3.405%
33	7.160	817	820	824	rVV2	559087	659722	10.44%	0.600%
34	7.213	827	829	831	rBV3	210176	171612	2.71%	0.156%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106326.D
 Acq On : 12 Jun 2018 6:23
 Operator : JU/SJ
 Sample : J3311-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.237	831	833	839	rVB4	250508	309980	4.90%	0.282%
36	7.295	839	843	846	rBV2	439262	556344	8.80%	0.506%
37	7.319	846	847	852	rVB	288885	210684	3.33%	0.192%
38	7.366	852	855	857	rBV	534316	518933	8.21%	0.472%
39	7.407	858	862	864	rBV	542453	640277	10.13%	0.582%
40	7.454	864	870	871	rVB3	507758	884353	13.99%	0.804%
41	7.478	871	874	876	rBV	828178	854192	13.51%	0.777%
42	7.501	876	878	881	rVV3	510745	536028	8.48%	0.487%
43	7.537	881	884	887	rVV	2373120	2214916	35.04%	2.014%
44	7.566	887	889	890	rVV2	334832	299260	4.73%	0.272%
45	7.584	890	892	894	rVV	626303	553197	8.75%	0.503%
46	7.613	894	897	901	rVV5	677842	953907	15.09%	0.867%
47	7.654	902	904	906	rVB2	729277	483901	7.65%	0.440%
48	7.678	906	908	909	rBV2	215822	180620	2.86%	0.164%
49	7.707	910	913	915	rVB2	747386	736271	11.65%	0.670%
50	7.737	915	918	921	rBV4	552219	544322	8.61%	0.495%
51	7.772	921	924	926	rVB3	404122	439559	6.95%	0.400%
52	7.807	926	930	933	rBV5	483022	610832	9.66%	0.556%
53	7.837	933	935	941	rVB4	621222	841179	13.31%	0.765%
54	7.895	941	945	946	rBV3	578541	612646	9.69%	0.557%
55	7.919	947	949	952	rVB3	330977	276239	4.37%	0.251%
56	7.989	953	961	964	rBV3	2108890	3160660	50.00%	2.874%
57	8.037	966	969	972	rVB3	665726	901689	14.26%	0.820%
58	8.084	972	977	981	rBV7	776603	1645506	26.03%	1.496%
59	8.125	981	984	985	rBV2	418456	363931	5.76%	0.331%
60	8.195	994	996	999	rVB4	561101	554563	8.77%	0.504%
61	8.260	1001	1007	1009	rBV2	2470040	3745549	59.25%	3.406%
62	8.301	1012	1014	1019	rVB4	1768154	2523597	39.92%	2.295%
63	8.425	1033	1035	1038	rVB3	811116	852666	13.49%	0.775%
64	8.507	1038	1049	1052	rBV7	2496493	6321807	100.00%	5.749%
65	8.537	1052	1054	1058	rBV5	958739	1444436	22.85%	1.314%
66	8.672	1075	1077	1081	rVB2	2131932	1703841	26.95%	1.550%
67	8.713	1082	1084	1086	rBV3	786484	800411	12.66%	0.728%
68	8.760	1090	1092	1093	rBV	595166	412175	6.52%	0.375%
69	8.807	1098	1100	1105	rVB5	1416599	2364148	37.40%	2.150%
70	8.901	1113	1116	1118	rVB3	1495243	1276149	20.19%	1.161%
71	8.942	1119	1123	1126	rBV3	1274116	2141836	33.88%	1.948%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
Data File : BF106326.D
Acq On : 12 Jun 2018 6:23
Operator : JU/SJ
Sample : J3311-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-05

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.995	1130	1132	1135	rVB2	1336821	1311137	20.74%	1.192%
73	9.042	1135	1140	1143	rBV2	1855750	3227636	51.06%	2.935%
74	9.072	1143	1145	1147	rBV	1000484	871224	13.78%	0.792%
75	9.142	1153	1157	1160	rBV2	1391459	1723595	27.26%	1.567%
76	9.213	1165	1169	1174	rVB3	1249890	2451038	38.77%	2.229%
77	9.266	1176	1178	1180	rBV3	956532	963737	15.24%	0.876%
78	9.336	1187	1190	1193	rVB	2479935	2338343	36.99%	2.127%
79	9.589	1231	1233	1235	rBV2	990105	889999	14.08%	0.809%
80	9.725	1253	1256	1258	rBV2	1422117	1714504	27.12%	1.559%
81	10.078	1312	1316	1322	rVB7	1451075	2568317	40.63%	2.336%
82	10.160	1326	1330	1331	rBV2	1011262	1327814	21.00%	1.208%
83	10.213	1336	1339	1341	rBV2	1581417	1515977	23.98%	1.379%
84	10.407	1370	1372	1374	rBV	887615	898922	14.22%	0.817%
85	10.466	1379	1382	1391	rVB4	2435873	4445862	70.33%	4.043%
86	10.548	1392	1396	1401	rBV4	1995548	3393149	53.67%	3.086%
87	10.866	1445	1450	1453	rVB3	2188404	3732303	59.04%	3.394%
88	10.919	1457	1459	1462	rVB3	1023542	880002	13.92%	0.800%
89	11.042	1477	1480	1485	rBV5	1482120	2411871	38.15%	2.193%
90	11.189	1503	1505	1511	rVB6	972698	1244289	19.68%	1.132%
91	12.824	1781	1783	1788	rVB	449071	438933	6.94%	0.399%
92	13.095	1825	1829	1832	rBV	2690020	2315746	36.63%	2.106%
93	13.966	1975	1977	1982	rVB	326856	293366	4.64%	0.267%
94	14.154	2005	2009	2012	rBV	1426705	1216097	19.24%	1.106%
95	14.830	2121	2124	2132	rVB4	242707	367284	5.81%	0.334%
96	15.171	2179	2182	2189	rVB4	225408	332387	5.26%	0.302%
97	15.560	2244	2248	2256	rVB2	343689	527083	8.34%	0.479%
98	15.683	2264	2269	2279	rVB	779345	1015998	16.07%	0.924%
99	16.001	2319	2323	2332	rVB2	235299	392873	6.21%	0.357%
100	16.512	2406	2410	2419	rVB3	219956	397259	6.28%	0.361%

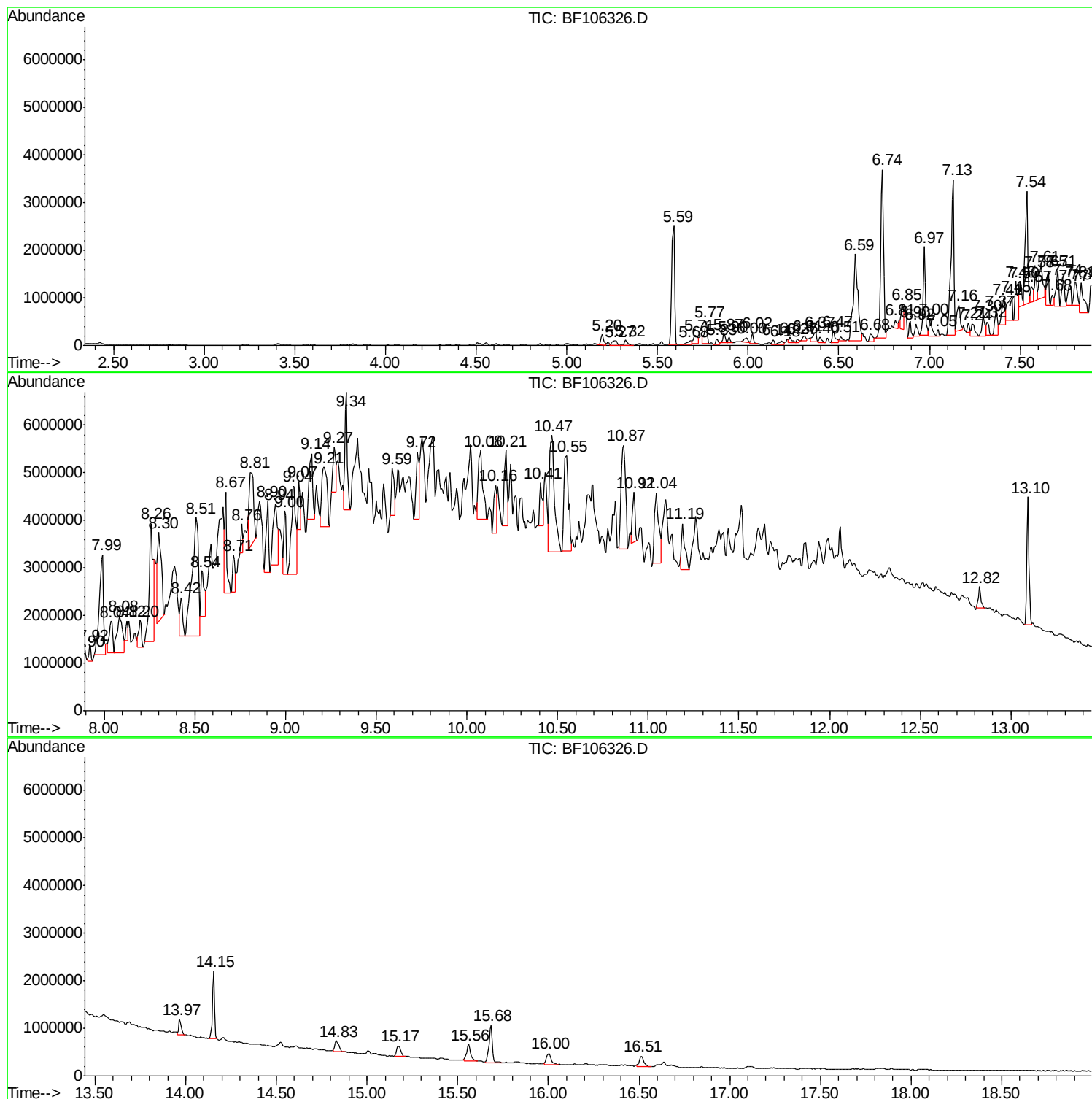
Sum of corrected areas: 109960512

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106326.D
Acq On : 12 Jun 2018 6:23
Operator : JU/SJ
Sample : J3311-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
MW-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106326.D
Acq On : 12 Jun 2018 6:23
Operator : JU/SJ
Sample : J3311-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-05

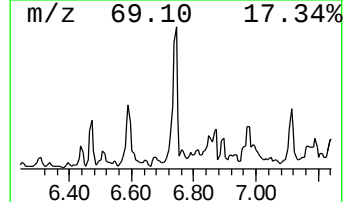
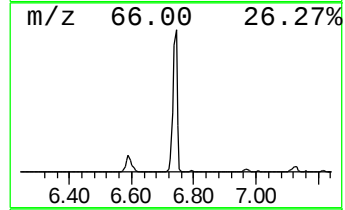
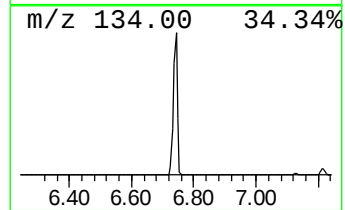
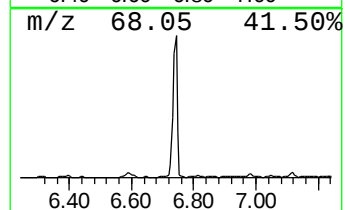
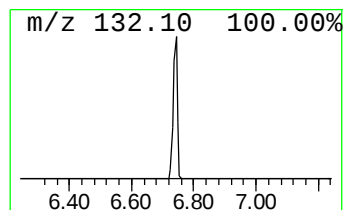
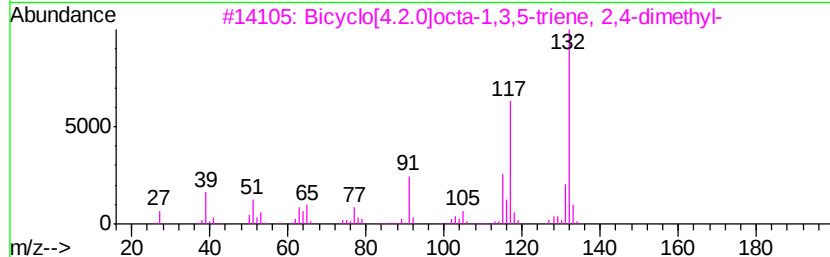
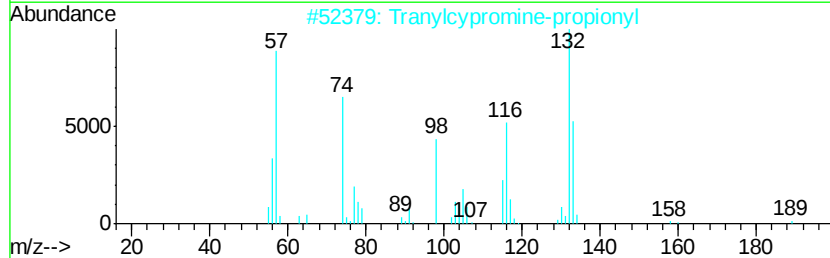
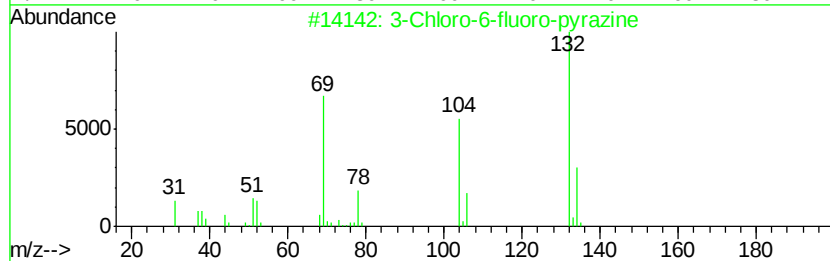
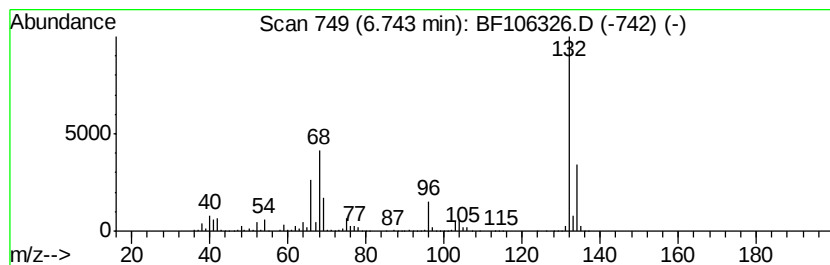
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	42.32 ng	3577100	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106326.D
Acq On : 12 Jun 2018 6:23
Operator : JU/SJ
Sample : J3311-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-05

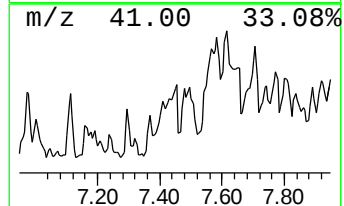
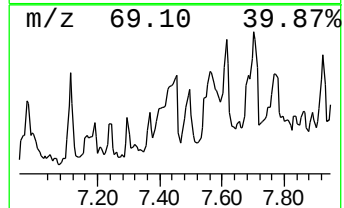
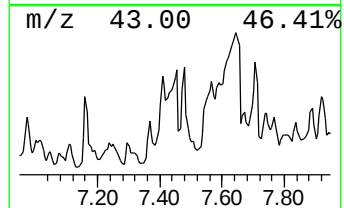
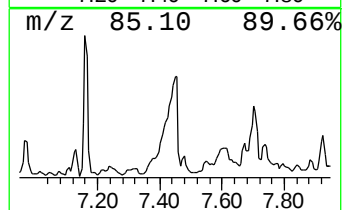
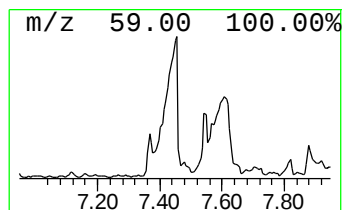
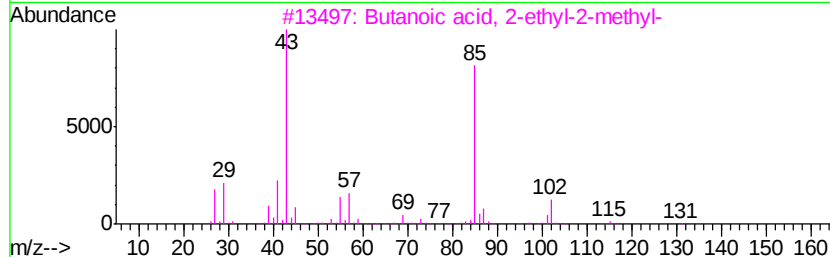
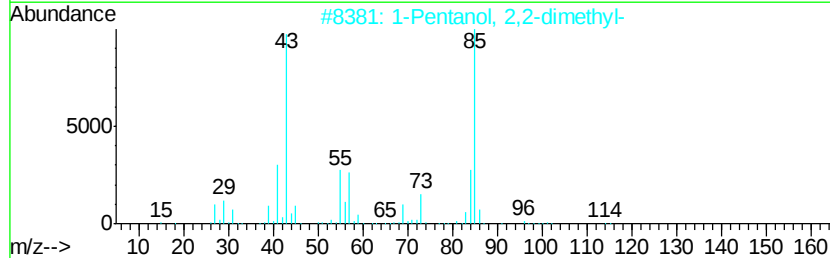
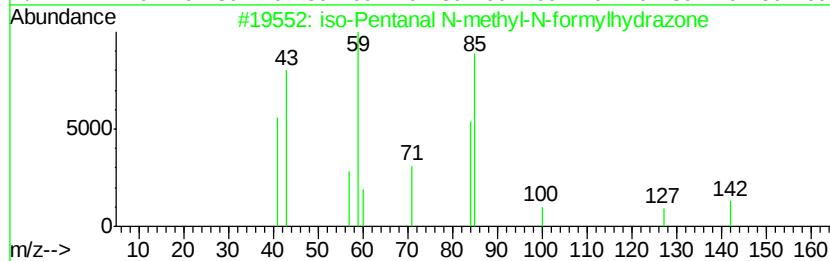
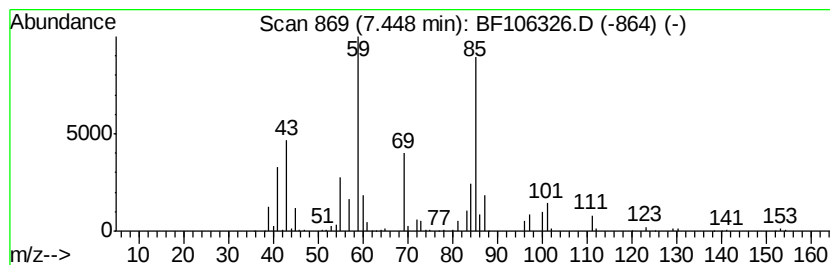
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.45 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	10.46 ng	884353	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	iso-Pentanal N-methyl-N-formylhy...	142	C7H14N2O	057590-21-3	42
2		1-Pentanol, 2,2-dimethyl-	116	C7H16O	002370-12-9	35
3		Butanoic acid, 2-ethyl-2-methyl-	130	C7H14O2	019889-37-3	27
4		2H-Pyran, 2-[(1-butyl-2-propynyl...]	196	C12H20O2	000831-83-4	27
5		Pentane, 3-ethyl-3-methyl-	114	C8H18	001067-08-9	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106326.D
Acq On : 12 Jun 2018 6:23
Operator : JU/SJ
Sample : J3311-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
MW-05

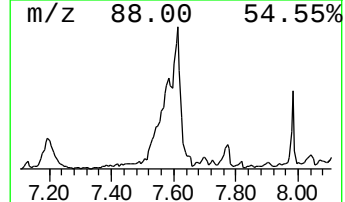
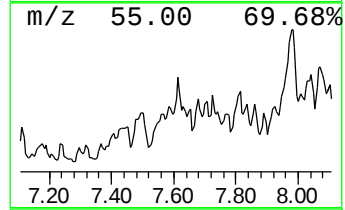
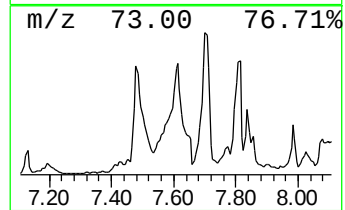
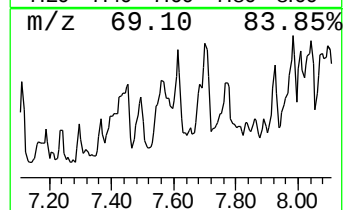
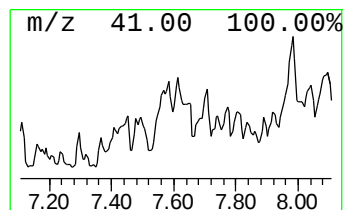
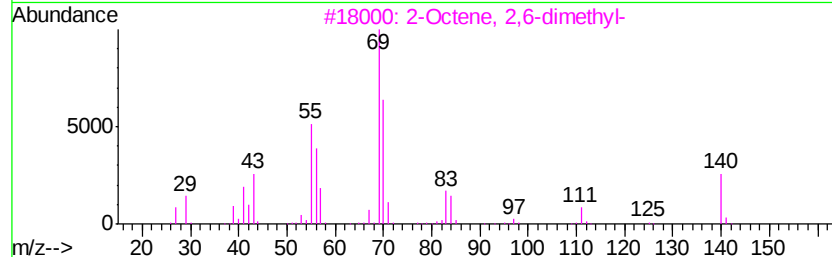
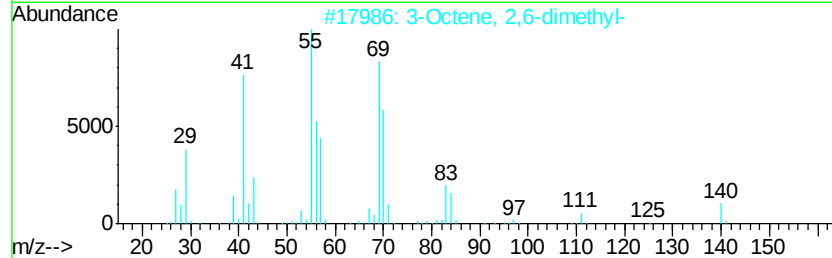
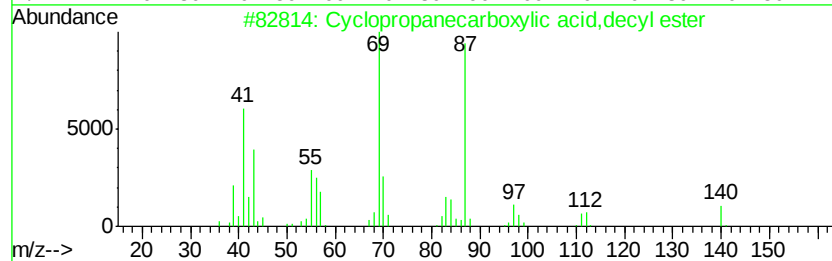
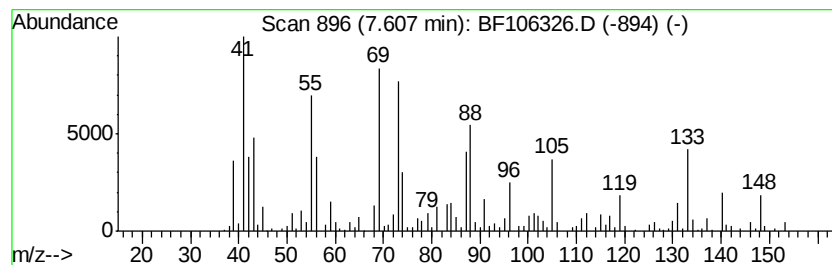
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclopropanecarboxylic acid... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	11.29 ng	953907	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropanecarboxylic acid, decyl...	226	C14H26O2	054460-47-8	53
2		3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	41
3		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	38
4		Pentanenitrile, 4,4-dimethyl-5-oxo-	125	C7H11NO	006140-61-0	35
5		2-Propenoic acid, 2-methyl-, hex...	170	C10H18O2	000142-09-6	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106326.D
Acq On : 12 Jun 2018 6:23
Operator : JU/SJ
Sample : J3311-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-05

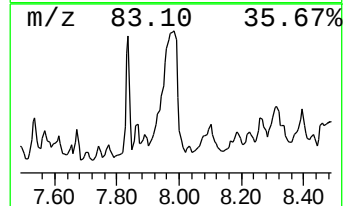
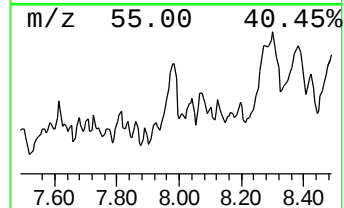
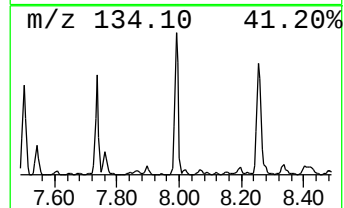
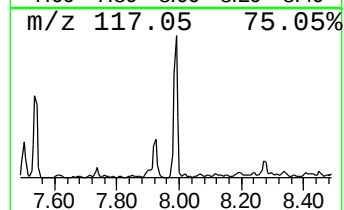
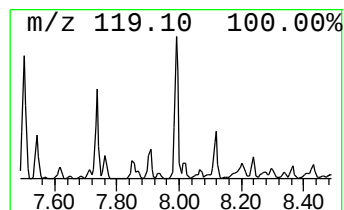
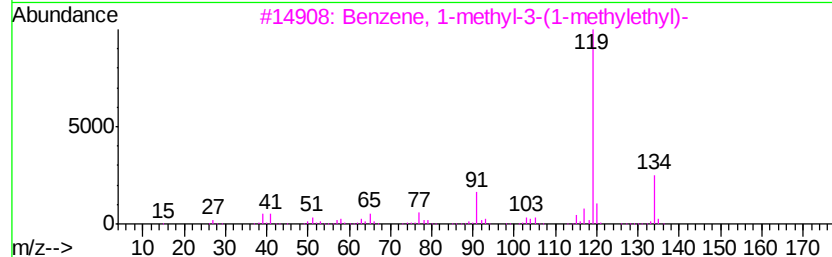
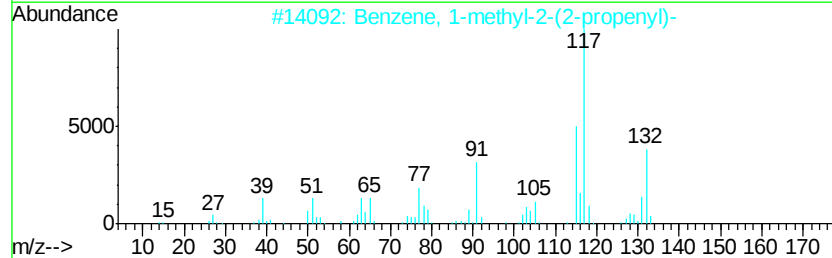
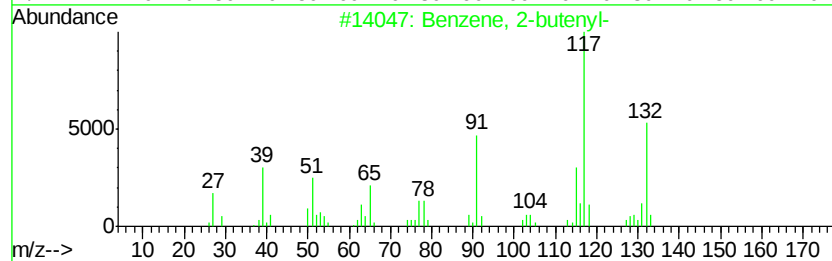
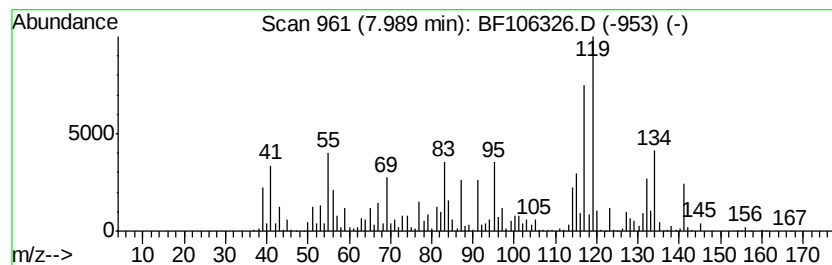
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 2-butenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	16.88 ng	3160660	Napthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	74
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	72
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	42
4		p-Cymene	134	C10H14	000099-87-6	42
5		o-Cymene	134	C10H14	000527-84-4	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106326.D
Acq On : 12 Jun 2018 6:23
Operator : JU/SJ
Sample : J3311-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-05

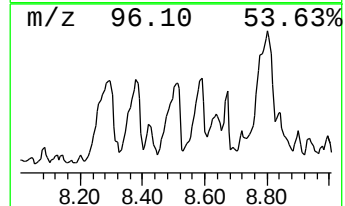
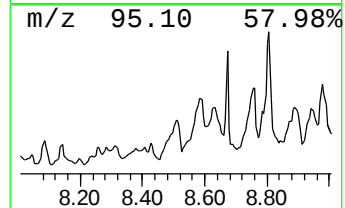
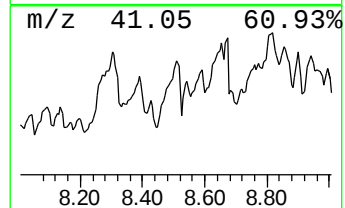
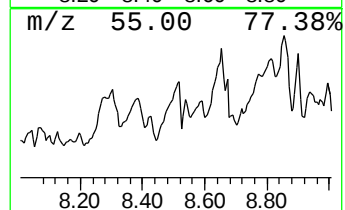
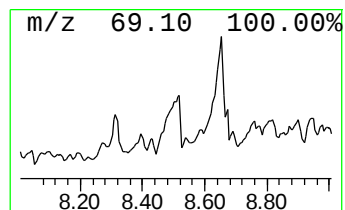
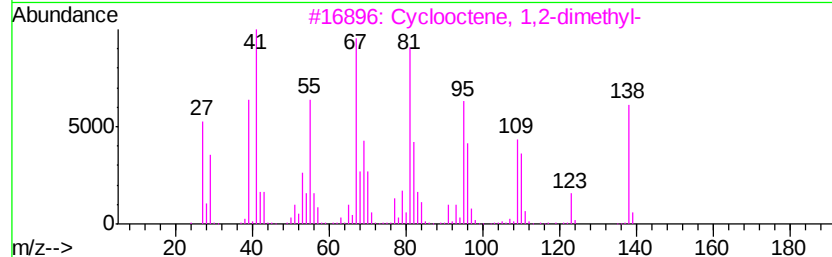
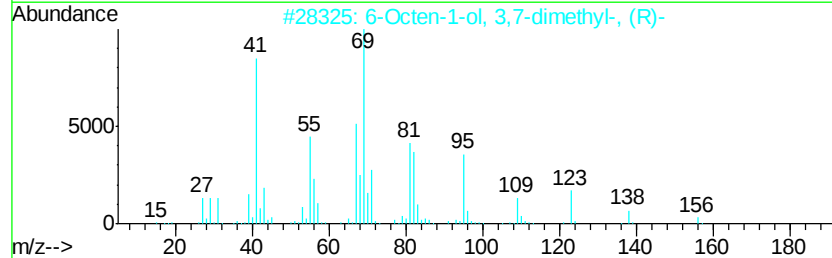
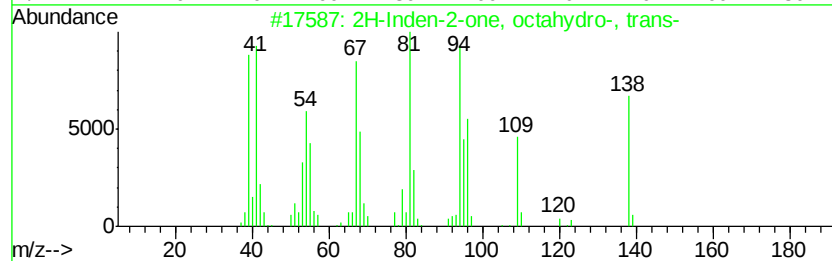
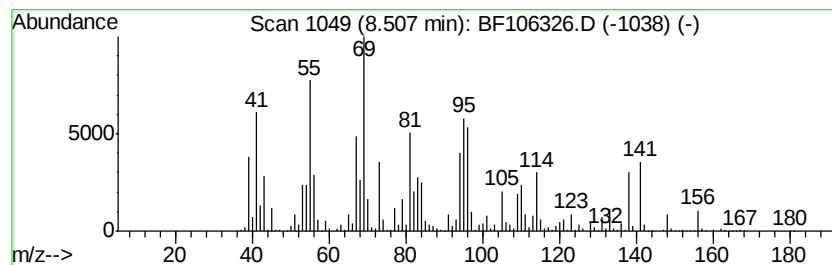
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2H-Inden-2-one, octahydro-,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	33.76 ng	6321810	Napthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Inden-2-one, octahydro-, trans-	138	C9H14O	016484-17-6	70
2		6-Octen-1-ol, 3,7-dimethyl-, (R)-	156	C10H20O	001117-61-9	46
3		Cyclooctene, 1,2-dimethyl-	138	C10H18	054299-96-6	35
4		5H-Inden-5-one, octahydro-, cis-	138	C9H14O	004668-91-1	35
5		Napthalene, decahydro-, cis-	138	C10H18	000493-01-6	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106326.D
Acq On : 12 Jun 2018 6:23
Operator : JU/SJ
Sample : J3311-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-05

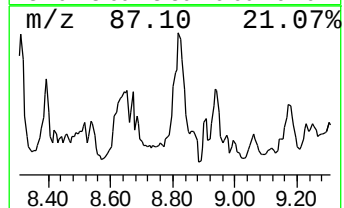
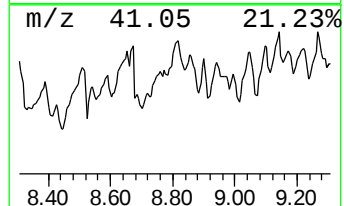
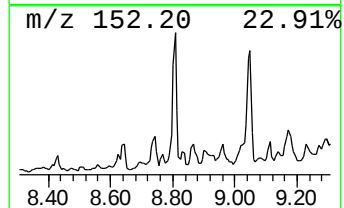
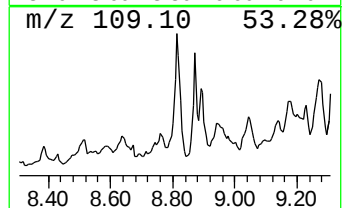
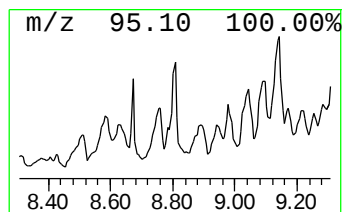
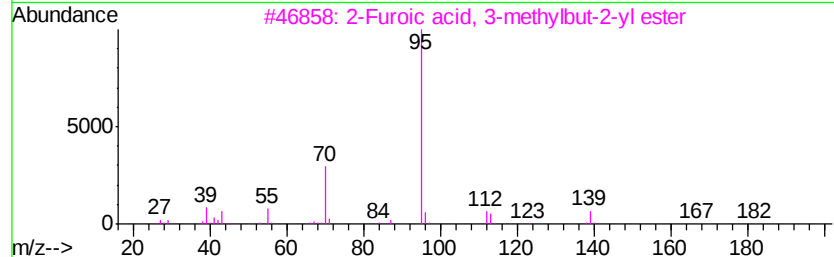
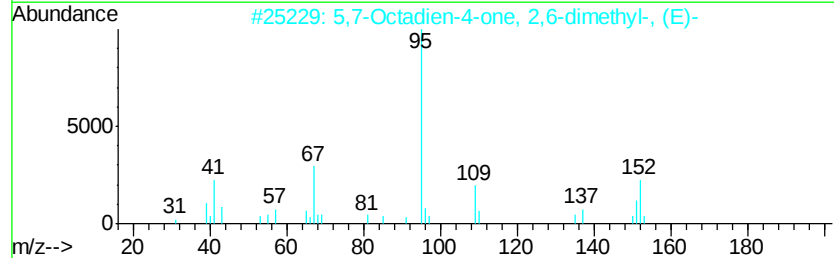
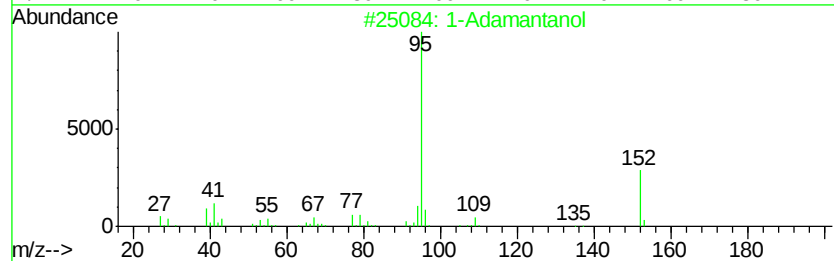
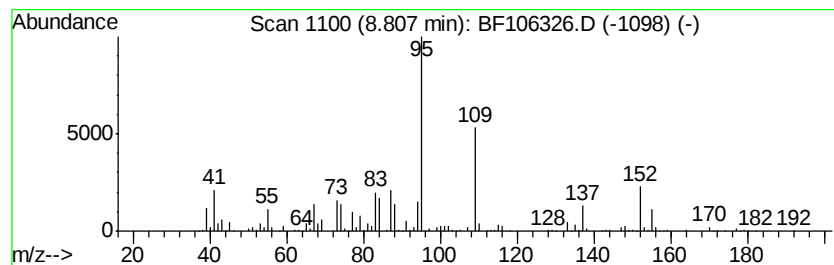
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1-Adamantanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	12.62 ng	2364150	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Adamantanol	152	C10H16O	000768-95-6	43
2		5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	43
3		2-Furoic acid, 3-methylbut-2-yl ...	182	C10H14O3	1000355-16-8	22
4		Ketone, 1,5-dimethylbicyclo[2.1....	138	C9H14O	024081-57-0	12
5		2-Cyclopentene-1-butanal, .gamma...	194	C13H22O	060714-25-2	12



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106326.D
Acq On : 12 Jun 2018 6:23
Operator : JU/SJ
Sample : J3311-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-05

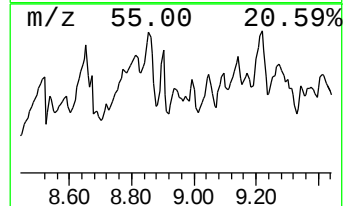
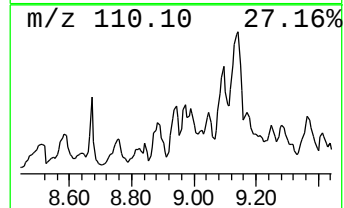
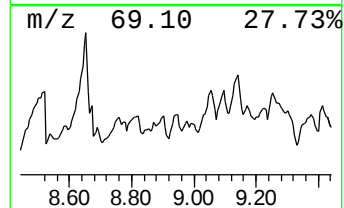
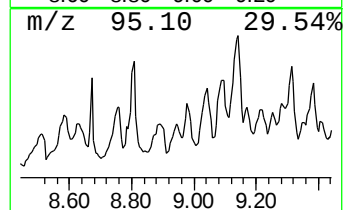
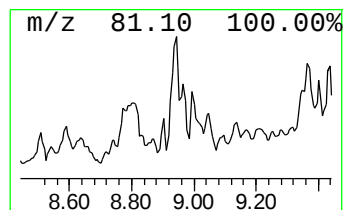
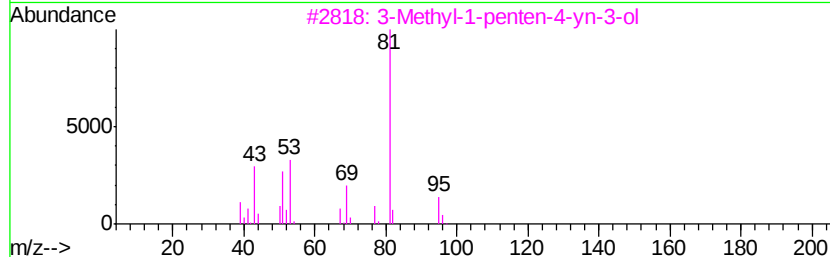
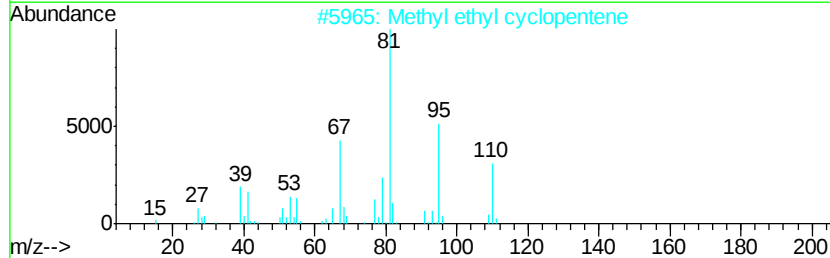
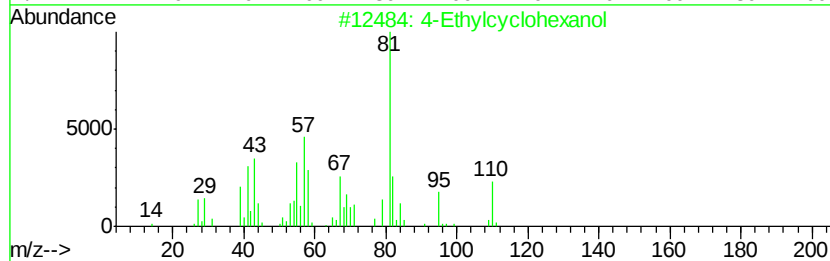
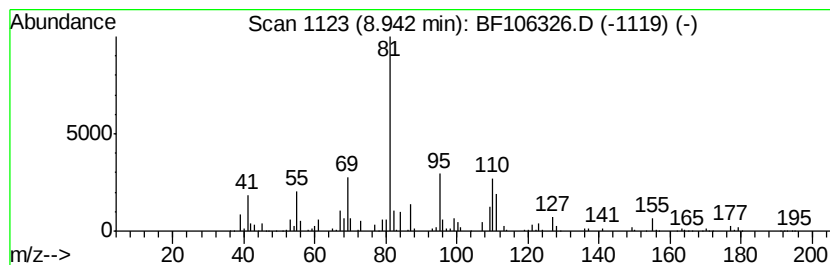
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown8.94 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	11.44 ng	2141840	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Ethylcyclohexanol	128	C8H16O	004534-74-1	42
2		Methyl ethyl cyclopentene	110	C8H14	019780-56-4	38
3		3-Methyl-1-penten-4-yn-3-ol	96	C6H8O	003230-69-1	38
4		L-Fenchone	152	C10H16O	007787-20-4	37
5		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106326.D
Acq On : 12 Jun 2018 6:23
Operator : JU/SJ
Sample : J3311-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-05

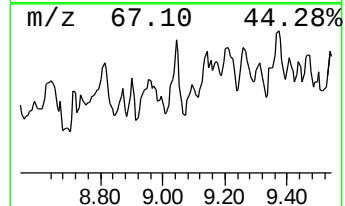
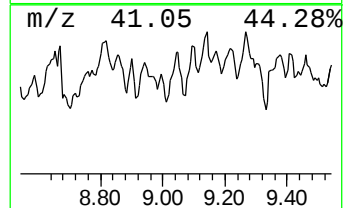
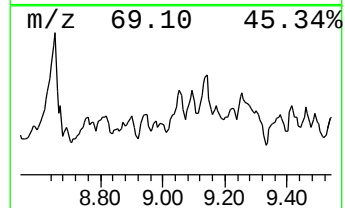
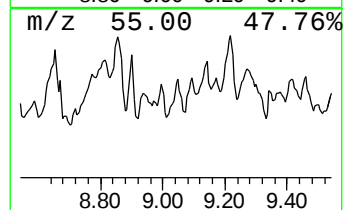
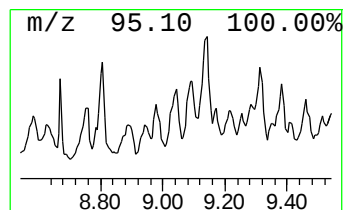
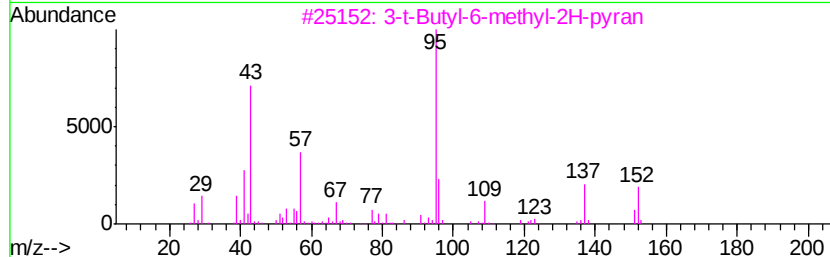
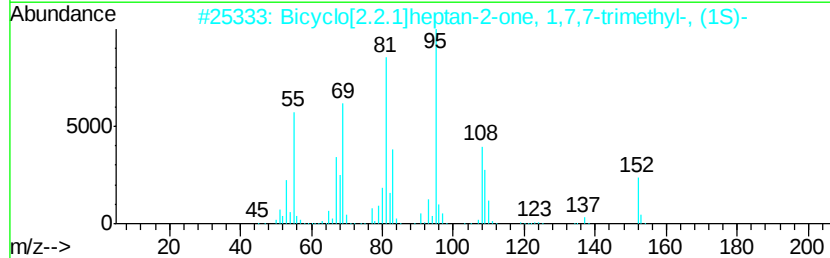
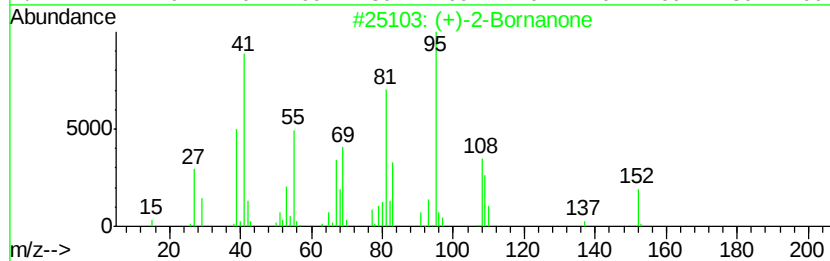
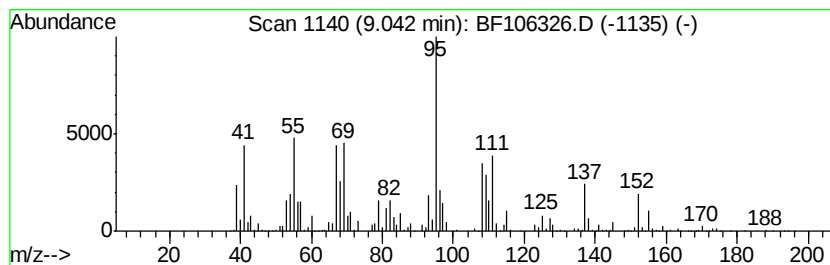
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (+)-2-Bornanone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	17.23 ng	3227640	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(+)-2-Bornanone	152	C10H16O	000464-49-3	58
2		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	53
3		3-t-Butyl-6-methyl-2H-pyran	152	C10H16O	1000188-12-8	46
4		1,2-Cyclohexanedimethanol	144	C8H16O2	003971-29-7	46
5		Camphor	152	C10H16O	000076-22-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106326.D
Acq On : 12 Jun 2018 6:23
Operator : JU/SJ
Sample : J3311-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-05

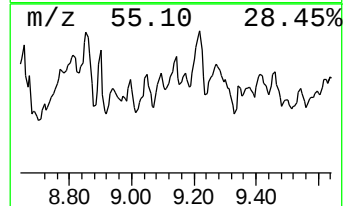
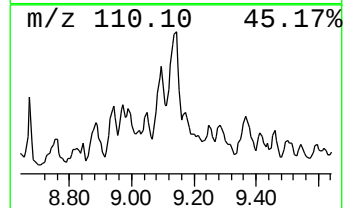
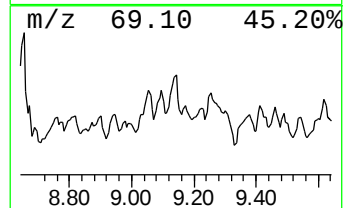
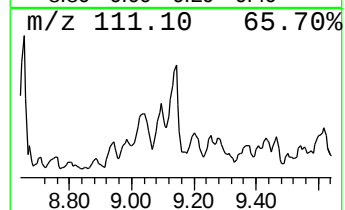
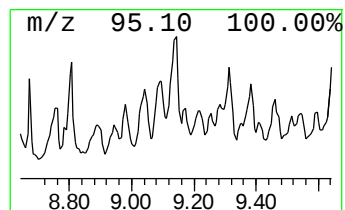
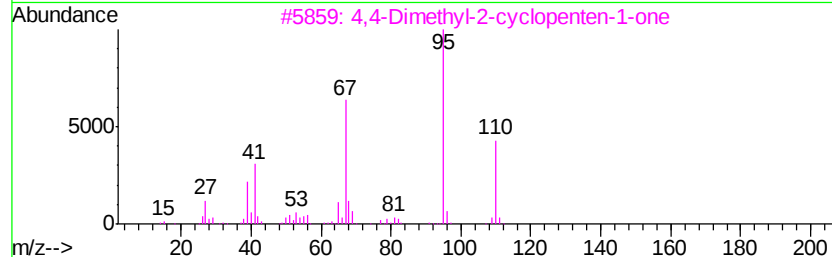
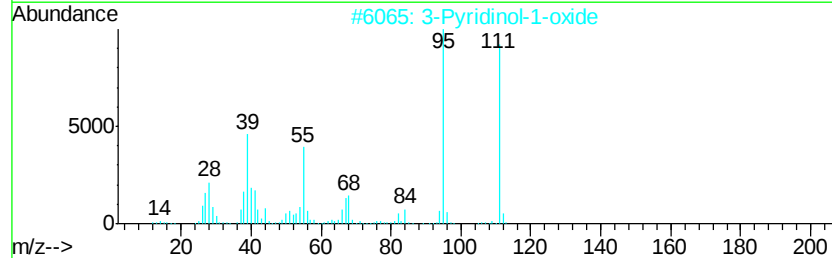
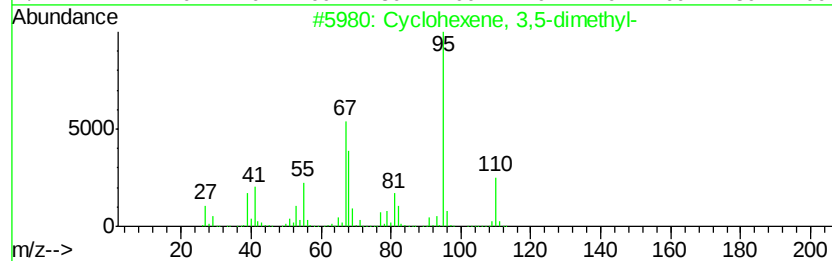
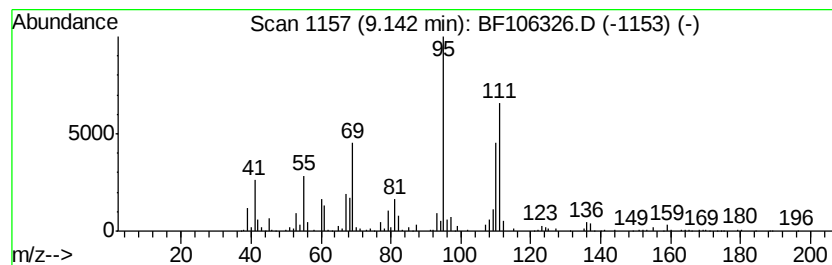
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown9.14 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	13.42 ng	1723600	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	47
2		3-Pyridinol-1-oxide	111	C5H5NO2	006602-28-4	47
3		4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	47
4		Cyclopropane, 2-(1,1-dimethyl-2-...	166	C12H22	074663-76-6	47
5		Ethanone, 1-(1H-pyrazol-4-yl)-	110	C5H6N2O	025016-16-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106326.D
Acq On : 12 Jun 2018 6:23
Operator : JU/SJ
Sample : J3311-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-05

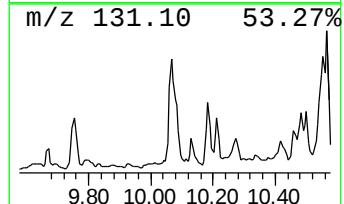
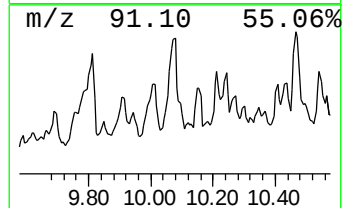
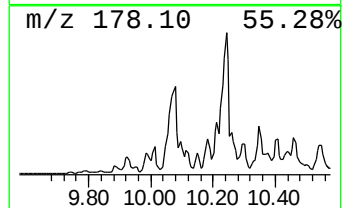
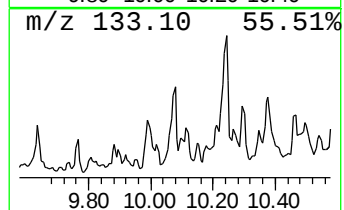
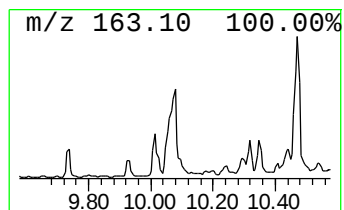
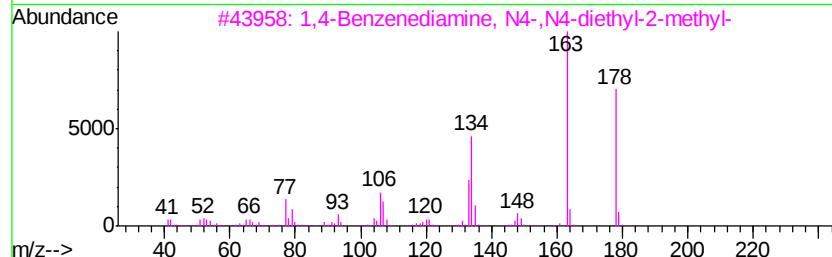
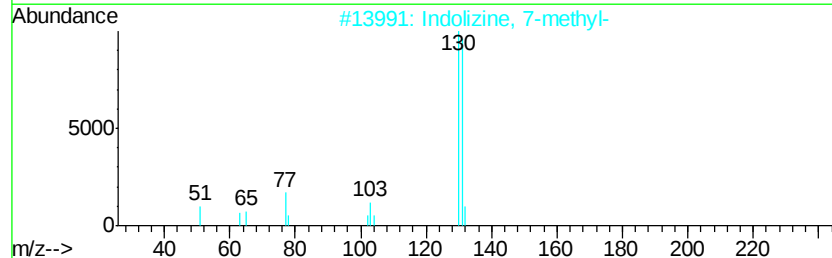
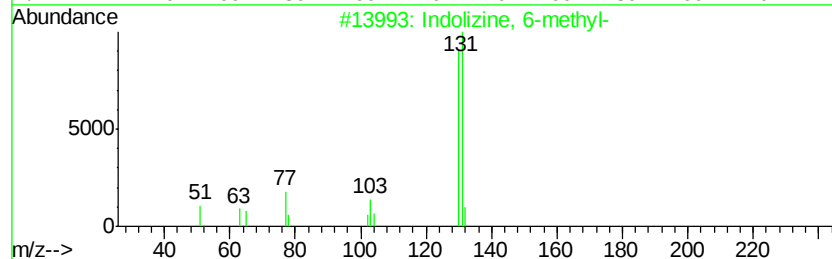
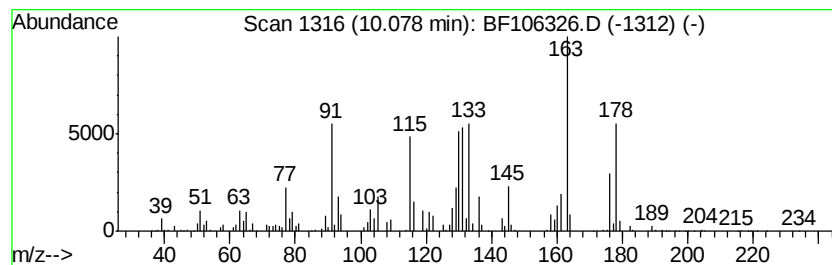
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown10.08 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	20.00 ng	2568320	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indolizine, 6-methyl-	131	C9H9N	001761-11-1	25
2		Indolizine, 7-methyl-	131	C9H9N	001761-12-2	25
3		1,4-Benzenediamine, N4-,N4-dieth...	178	C11H18N2	000148-71-0	22
4		1H-Indole, 5-methyl-	131	C9H9N	000614-96-0	15
5		1H-Indole, 2-methyl-	131	C9H9N	000095-20-5	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106326.D
Acq On : 12 Jun 2018 6:23
Operator : JU/SJ
Sample : J3311-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-05

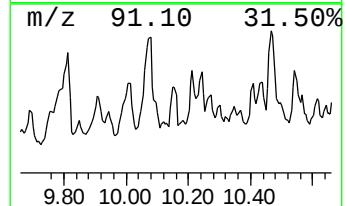
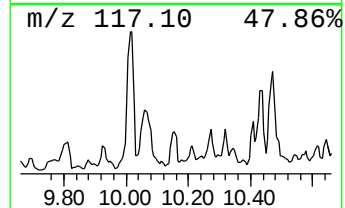
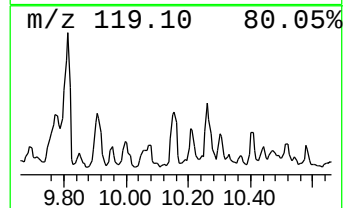
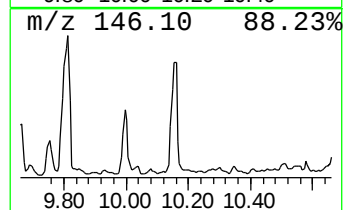
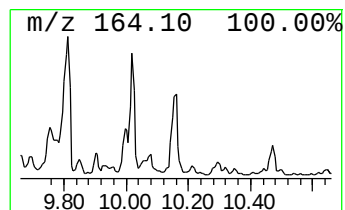
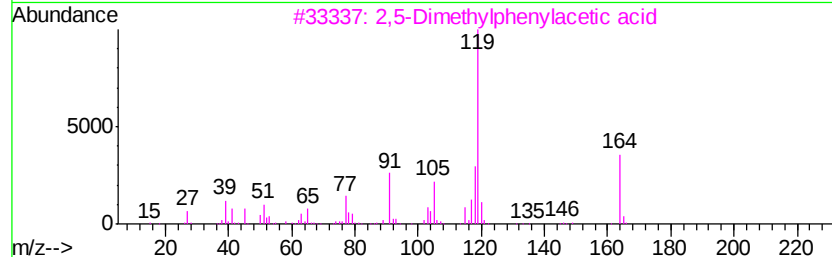
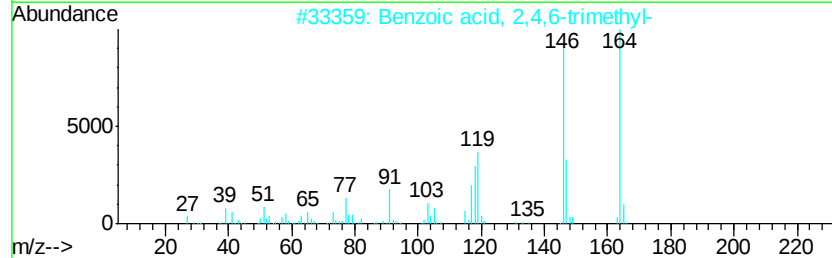
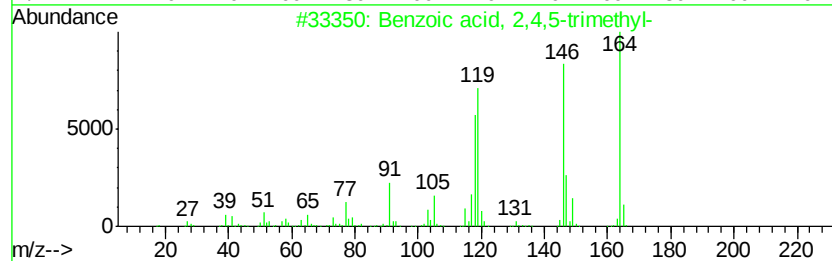
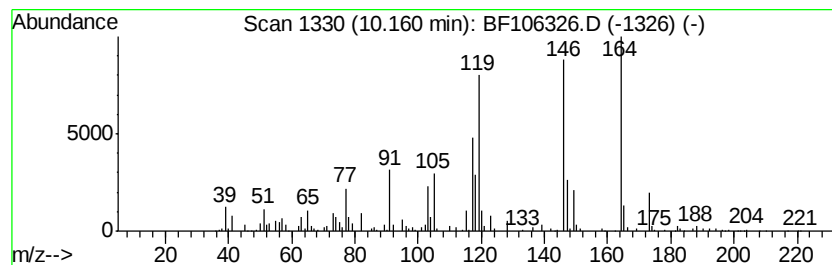
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	10.34 ng	1327810	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	76
2		Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	49
3		2,5-Dimethylphenylacetic acid	164	C10H12O2	1000342-65-5	43
4		Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	41
5		Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106326.D
Acq On : 12 Jun 2018 6:23
Operator : JU/SJ
Sample : J3311-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-05

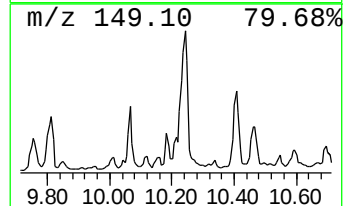
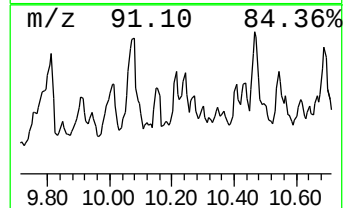
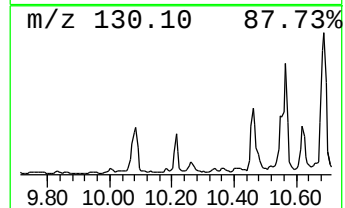
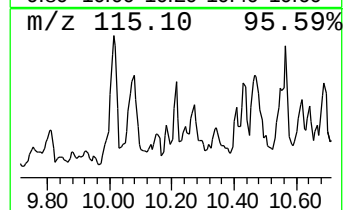
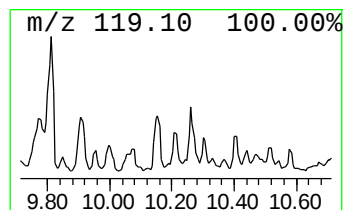
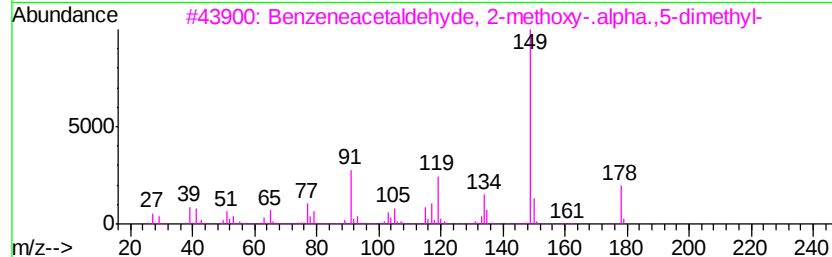
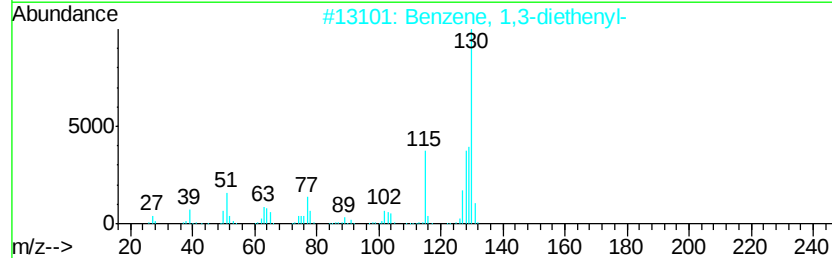
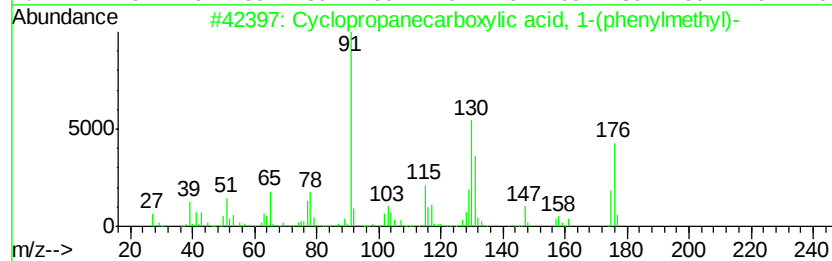
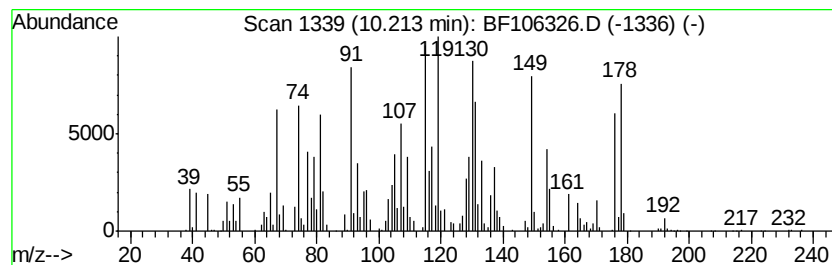
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown10.21 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	11.81 ng	1515980	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropanecarboxylic acid, 1-(...	176	C11H12O2	027356-91-8	30
2		Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	25
3		Benzeneacetaldehyde, 2-methoxy-....	178	C11H14O2	053155-90-1	18
4		trans-2-Phenyl-1-cyclohexanol	176	C12H16O	002362-61-0	18
5		cis-2-Methyl-.beta.-methyl-.beta...	177	C10H11NO2	1000122-79-5	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106326.D
Acq On : 12 Jun 2018 6:23
Operator : JU/SJ
Sample : J3311-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-05

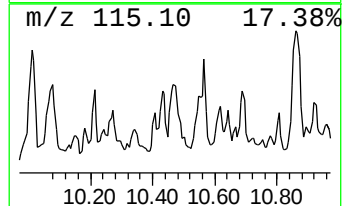
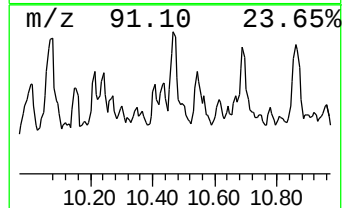
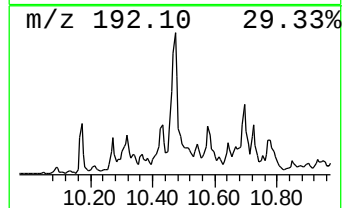
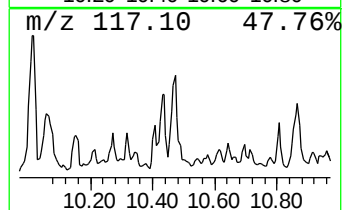
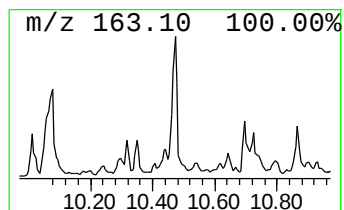
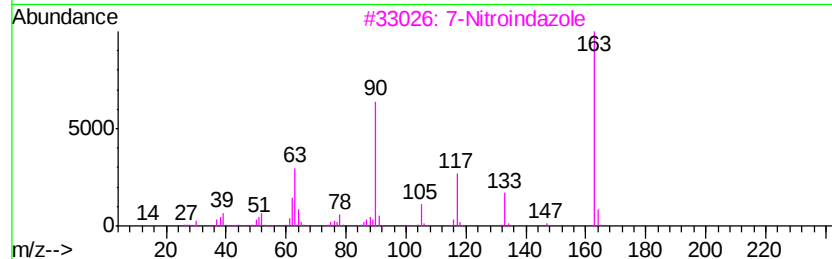
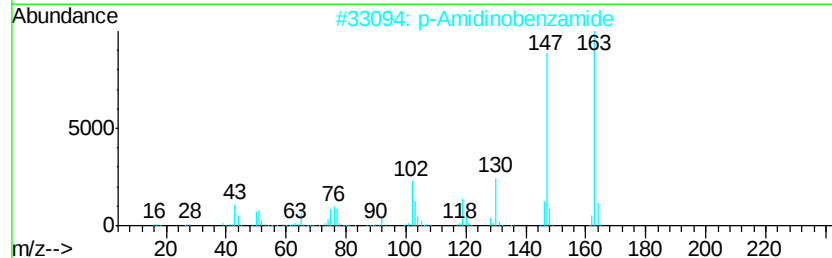
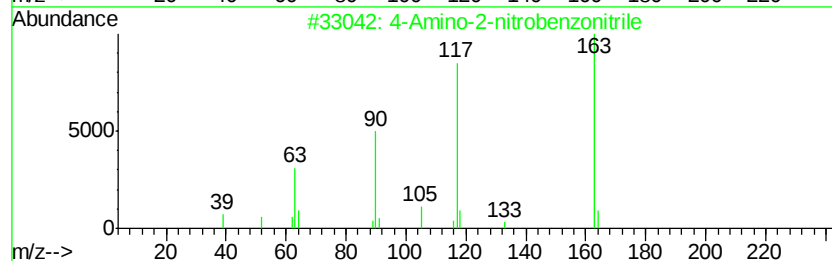
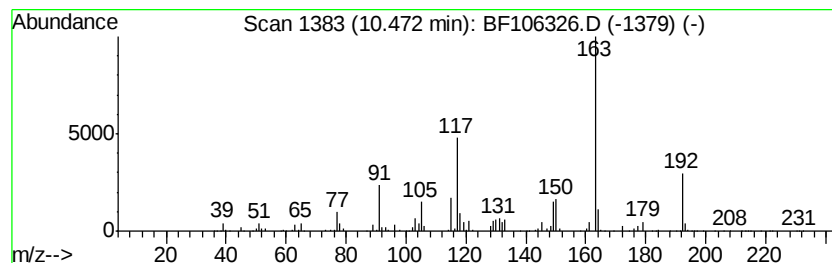
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown10.47 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	34.62 ng	4445860	Acenaphthene-d10	10.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-2-nitrobenzonitrile			163	C7H5N3O2	072115-07-2	43
2	p-Amidinobenzamide			163	C8H9N3O	054050-86-1	38
3	7-Nitroindazole			163	C7H5N3O2	002942-42-9	38
4	Benzonitrile, 2-amino-5-nitro-			163	C7H5N3O2	017420-30-3	38
5	1H-Benzimidazole, 5-nitro-			163	C7H5N3O2	000094-52-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106326.D
Acq On : 12 Jun 2018 6:23
Operator : JU/SJ
Sample : J3311-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

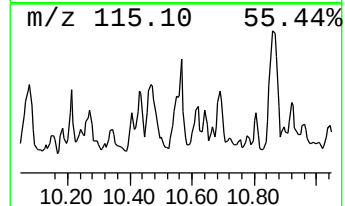
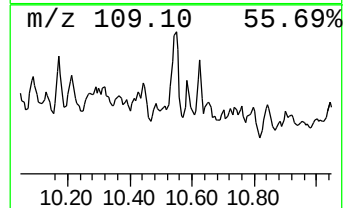
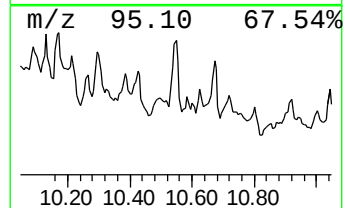
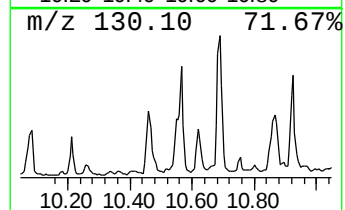
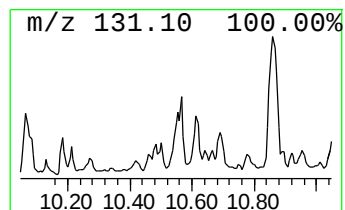
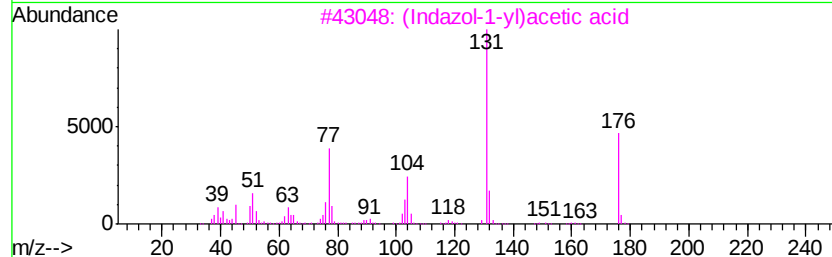
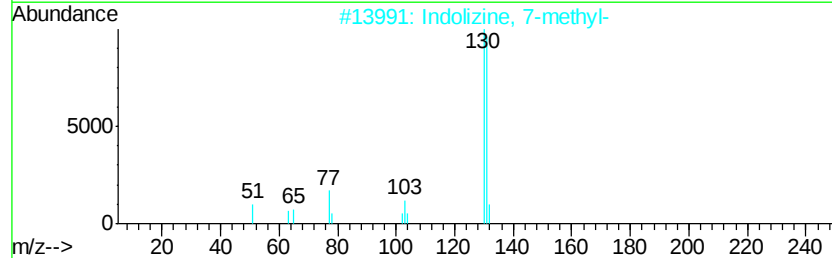
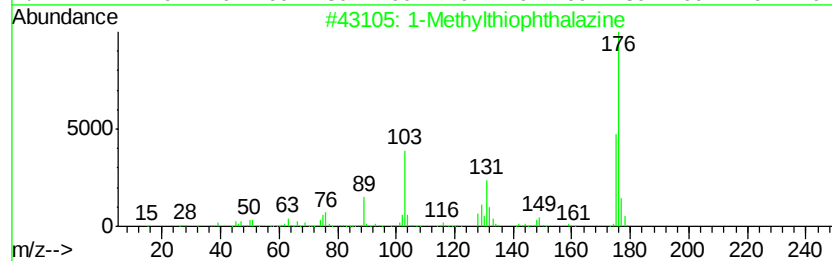
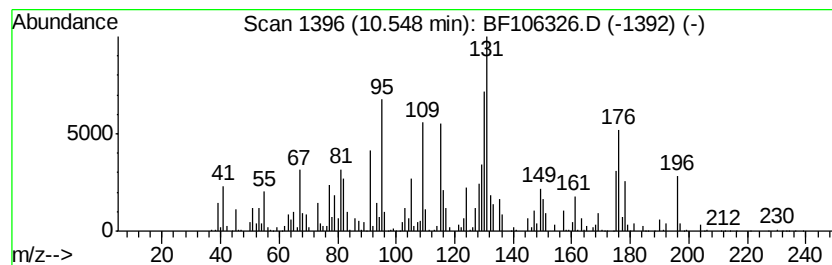
Instrument :
BNA_F
ClientSampleId :
MW-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1-Methylthiophthalazine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.55	26.42 ng	3393150	Acenaphthene-d10	10.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylthiophthalazine	176	C9H8N2S	021948-74-3	70
2	Indolizine, 7-methyl-	131	C9H9N	001761-12-2	30
3	(Indazol-1-yl)acetic acid	176	C9H8N2O2	1000315-94-2	30
4	Indolizine, 6-methyl-	131	C9H9N	001761-11-1	30
5	1H-Indole, 7-methyl-	131	C9H9N	000933-67-5	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106326.D
Acq On : 12 Jun 2018 6:23
Operator : JU/SJ
Sample : J3311-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-05

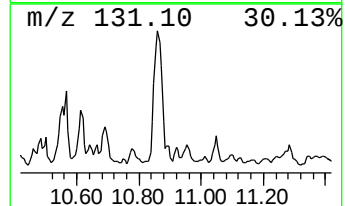
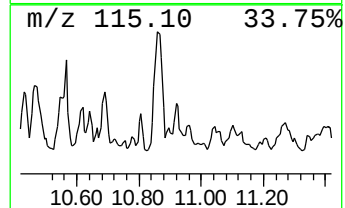
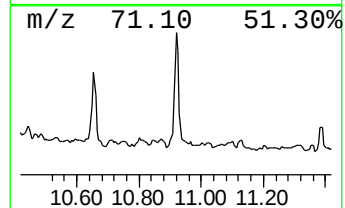
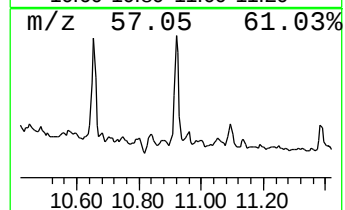
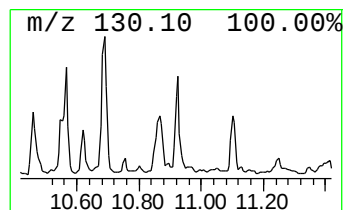
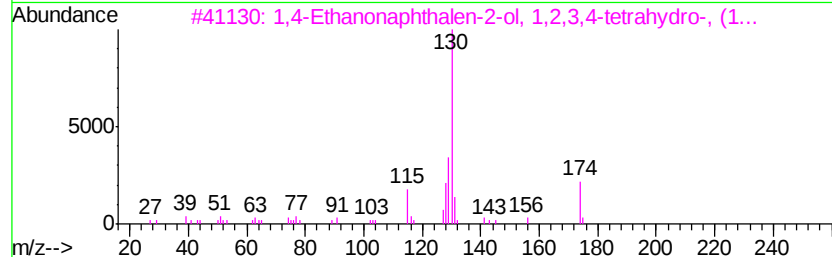
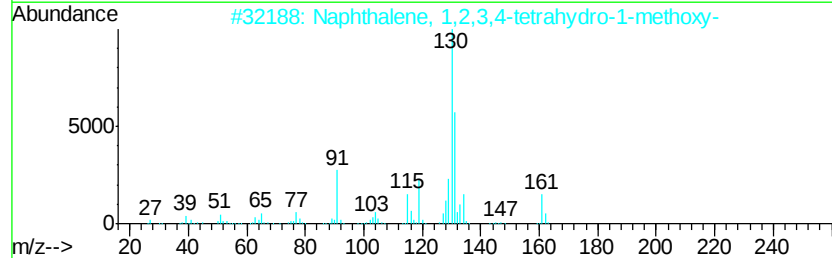
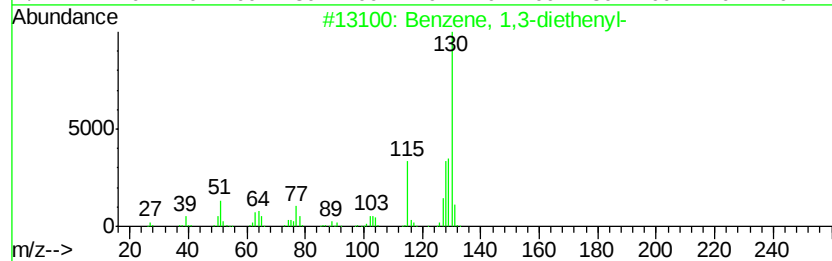
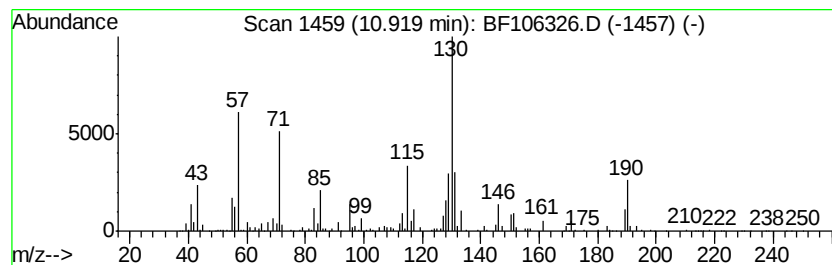
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown10.92 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	14.14 ng	880002	Phenanthrene-d10	11.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	35
2		Naphthalene, 1,2,3,4-tetrahydro-...	162	C11H14O	001008-18-0	35
3		1,4-Ethanonaphthalen-2-ol, 1,2,3...	174	C12H14O	013153-77-0	35
4		2-Acetoxytetralin	190	C12H14O2	1000146-07-5	35
5		Acenaphthylene, 1,2,2a,3,4,5-hex...	158	C12H14	000480-72-8	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106326.D
Acq On : 12 Jun 2018 6:23
Operator : JU/SJ
Sample : J3311-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-05

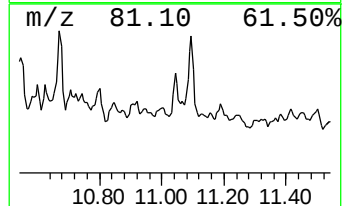
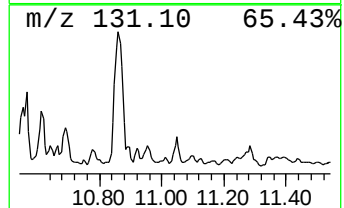
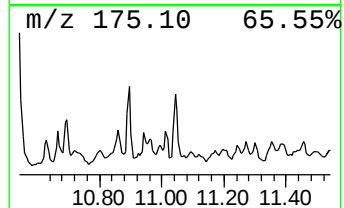
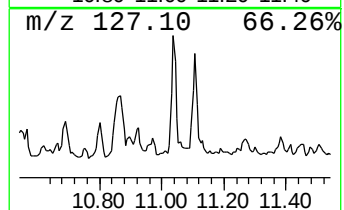
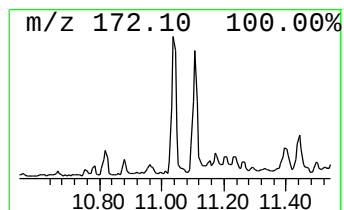
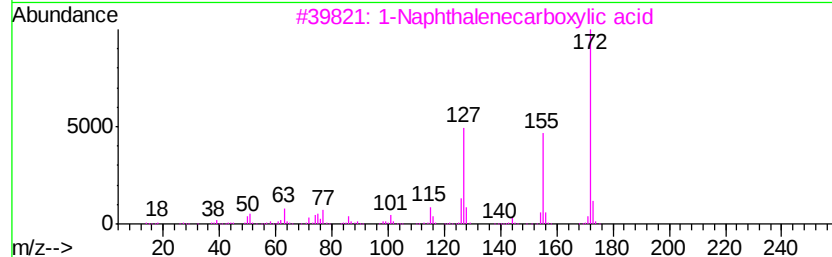
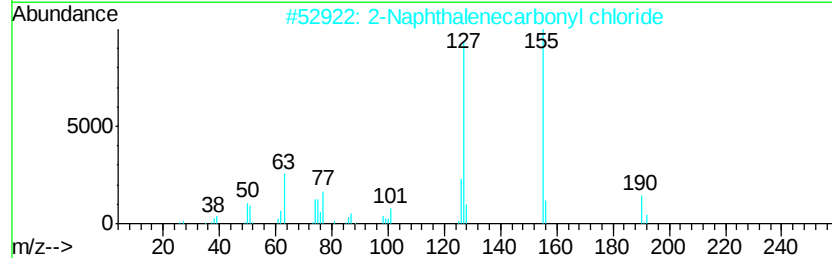
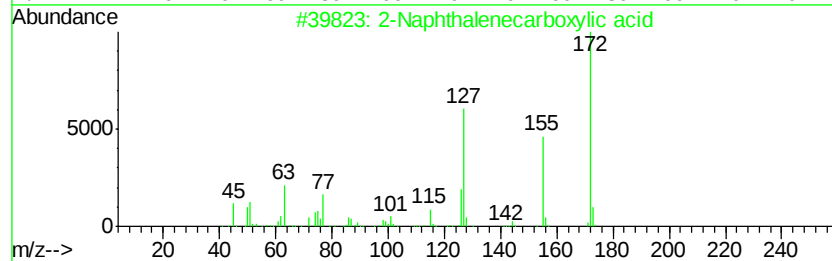
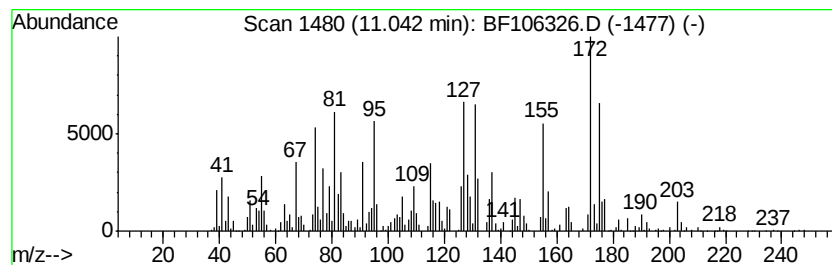
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 2-Naphthalenecarboxylic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	38.77 ng	2411870	Phenanthrene-d10	11.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	60
2		2-Naphthalenecarbonyl chloride	190	C11H7ClO	002243-83-6	56
3		1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	46
4		1-Naphthalenecarbonyl chloride	190	C11H7ClO	000879-18-5	25
5		2-Cyclopenten-1-one, 3-methyl-2-...	172	C12H12O	050397-92-7	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106326.D
Acq On : 12 Jun 2018 6:23
Operator : JU/SJ
Sample : J3311-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-05

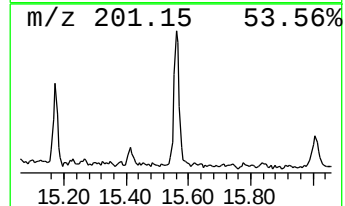
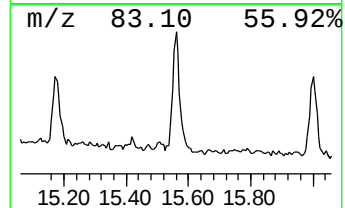
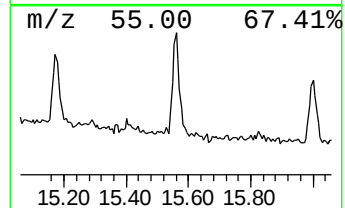
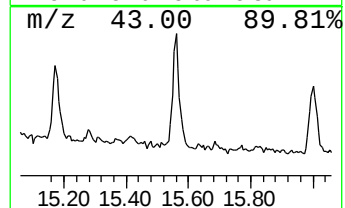
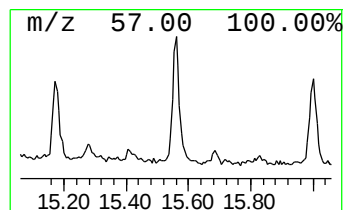
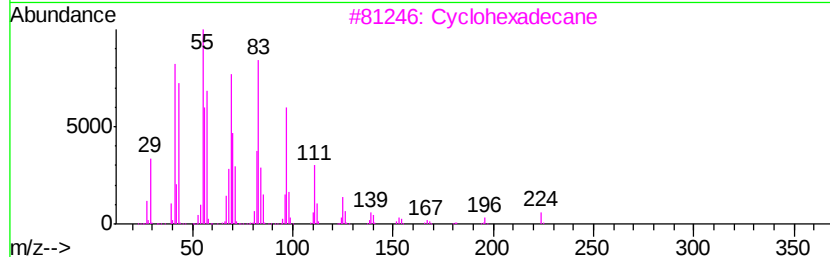
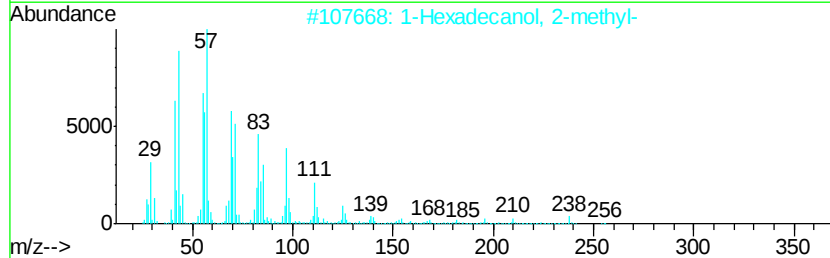
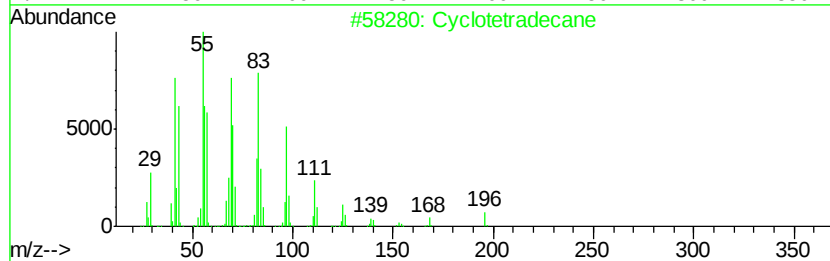
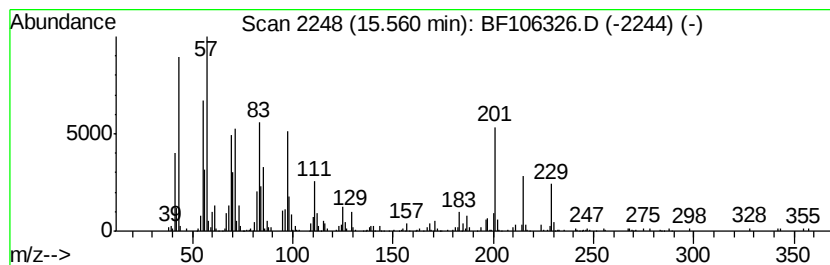
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Cyclotetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	10.38 ng	527083	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	92
2		1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	78
3		Cyclohexadecane	224	C16H32	000295-65-8	74
4		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	64
5		1-Tricosene	322	C23H46	018835-32-0	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106326.D
 Acq On : 12 Jun 2018 6:23
 Operator : JU/SJ
 Sample : J3311-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.74	6.74	42.3	ng	3577100	1	6.97	1690370	20.0
unknown7.45	7.45	10.5	ng	884353	1	6.97	1690370	20.0
Cyclopropanecarbo...	7.61	11.3	ng	953907	1	6.97	1690370	20.0
Benzene, 2-butenyl-	7.99	16.9	ng	3160660	2	8.25	3745550	20.0
2H-Inden-2-one, o...	8.51	33.8	ng	6321810	2	8.25	3745550	20.0
1-Adamantanol	8.81	12.6	ng	2364150	2	8.25	3745550	20.0
unknown8.94	8.94	11.4	ng	2141840	2	8.25	3745550	20.0
(+)-2-Bornanone	9.04	17.2	ng	3227640	2	8.25	3745550	20.0
unknown9.14	9.14	13.4	ng	1723600	3	10.02	2568320	20.0
unknown10.08	10.08	20.0	ng	2568320	3	10.02	2568320	20.0
Benzoic acid, 2,4...	10.16	10.3	ng	1327810	3	10.02	2568320	20.0
unknown10.21	10.21	11.8	ng	1515980	3	10.02	2568320	20.0
unknown10.47	10.47	34.6	ng	4445860	3	10.02	2568320	20.0
1-Methylthiophtha...	10.55	26.4	ng	3393150	3	10.02	2568320	20.0
unknown10.92	10.92	14.1	ng	880002	4	11.52	1244290	20.0
2-Naphthalenecarb...	11.04	38.8	ng	2411870	4	11.52	1244290	20.0
Cyclotetradecane	15.56	10.4	ng	527083	6	15.68	1016000	20.0